

INFORMATION SHEET

SERIES AH

COMPRESSION TAP CONNECTORS
FOR COMBINATION OF CU/CU
AL/AL, CU/AL (AL9CU)



The U.L. listing for the IlSCO AH Series H-Tap compression tap connectors is contingent upon its use in accordance with the instructions contained on this sheet. Any application that is not in accord is considered a misuse of the product. Read the instructions carefully before making any assemblies.

The AH Series compression tap connectors are clearly marked with the catalog number, wire size and are prefilled with DE-OX joint compound. They are designed to be crimped using ILSCO, UTILCO or Burndy crimp tools with ILSCO or Burndy dies. They are marked with the ILSCO or Burndy die index number and are color coded for proper selection. They are marked for the proper number and location of crimps.

Catalog Number	Wire Range (Main)	Wire Range (Tap)	ILSCO TOOLS		UTILCO TOOLS		BURNDY TOOLS	
			TM-12U1000, TR-12U1000, TB-12U1000 Series		UM-U42, UR-U42, BLL-U42-P Series		Y35, Y39, Y46	
			Die Index	Crimps	Die Index	Crimps	Die Index	Crimps
AH-1	1/0 STR - 6 STR	1 STR - 6 STR	O	2	O	2	O	2
AH-2	4/0 STR - 1 STR	1 STR - 6 STR	D3	2	D3	2	D3	2
AH-3	4/0 STR - 3/0 STR	4/0 STR - 3/0 STR	D3	3	D3	3	D3	3
AH-4	4/0 STR - 1 STR	2/0 STR - 1 STR	D3	3	D3	3	D3	3
AH-5	400kcmil - 4/0 STR	400kcmil - 4/0 STR	N	3	N	3	N	3
AH-6	500kcmil - 4/0 STR	2/0 STR - 6 STR	N	2	N	2	N	2
AH-10	1000 COMPACT - 600kcmil AL 750 - 600kcmil CU	350kcmil - 2/0 STR					KR*	3
AH-11	1000 COMPACT - 600kcmil AL 750 - 600kcmil CU	600kcmil - 350kcmil					KR*	4

* KR die can only be used with Burndy Y46 crimp tool

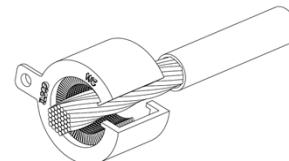
1. Select the proper AH H-Tap for the main and tap wire sizes to be used. AH H-Taps can be used with concentric, compressed or compact aluminum wire except as noted (AH-10, AH-11). AH H-Taps can be used for combinations of aluminum to aluminum, aluminum to copper, and copper to copper stranded conductors.



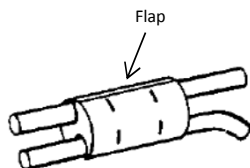
2. Strip the wire insulation from the conductor 1/4" longer than the length of the H-Tap to be used in an approved method. Do not nick or ring the conductor. Be sure and remove any mylar coating on the conductor.



3. Remove surface oxides from the conductor by cleaning it with a wire brush (i.e. ILSCO WC).



4. Insert both the main and tap conductors into the H-Tap connector. Bend both flaps down, holding the conductors to the H-Tap.



5. Select proper dies and tools as shown in the above chart. Hydraulic tools must be used. If more than 2 crimps are called out, apply first crimp from the middle of the H-Tap toward the edge. For AH-11, apply first crimp at right or left of the center.

